

## Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 48237  
 FACILITY: American Energy Corp Century Mine  
 LOCATION: 43521 Mayhugh Hill Rd Twp Hwy 88  
 Beallsville, OH 43716  
 COUNTY: Belmont  
 DISTRICT: SEDO

STATUS: Original  
 PERMIT NUMBER: 01L00091\*GD  
 STATION CODE: 002  
 MONITORING PERIOD: 2009-03-01 To: 2009-03-31  
 REPORTING LAB: Tra-Det Inc.  
 ANALYST: William Thompson  
 NO DISCHARGE INDICATOR:

| PARAMETER   | Total Precipitation  | Flow Rate      | pH          | Total Suspended Solids | Iron, Total (Fe)   | Manganese, Total (Mn) |                      |
|---|--|----------------|-------------|------------------------|--|-----------------------|----------------------|
| PARAMETER CODE  | 00045  | 50050          | 00400       | 00530                  | 01045  | 01055                 |                      |
| UNITS   | 24258390   | 4108           | 6653        | 4106                   | 4107   | 4107                  |                      |
| FREQUENCY   | 1/Day  | 1/Day          | 1 / 2 Weeks | 1 / 2 Weeks            | 1 / 2 Weeks  | 1 / 2 Weeks           |                      |
| SAMPLING TYPE   | Total  | Total Estimate | Grab        | Grab                   | Grab   | Grab                  |                      |
| 2009-03-01  | 0.00   | AN             |             |                        |  |                       |                      |
| 2009-03-02  | 0.00   | 0.01           |             |                        |  |                       |                      |
| 2009-03-03  | 0.00   | 0.005          | 8.6         | 6                      | 400  | 60                    |                      |
| 2009-03-04  | 0.00   | 0.01           |             |                        |  |                       |                      |
| 2009-03-05  | 0.00   | 0.014          |             |                        |  |                       |                      |
| 2009-03-06  | 0.00   | 0.017          |             |                        |  |                       |                      |
| 2009-03-07  | 0.00   | AN             |             |                        |  |                       |                      |
| 2009-03-08  | 0.00   | AN             |             |                        |  |                       |                      |
| 2009-03-09  | 0.10   | 0.001          |             |                        |  |                       |                      |
| 2009-03-10  | 0.00   | 0.001          |             |                        |  |                       |                      |
| 2009-03-11  | 0.00   | 0.001          |             |                        |  |                       |                      |
| 2009-03-12  | 0.00   | 0              |             |                        |  |                       |                      |
| 2009-03-13  | 0.00   | 0.001          |             |                        |  |                       |                      |
| 2009-03-14  | 0.00   | AN             |             |                        |  |                       |                      |
| 2009-03-15  | 0.00   | AN             |             |                        |  |                       |                      |
| 2009-03-16  | 0.00   | 0.001          |             |                        |  |                       |                      |
| 2009-03-17  | 0.00   | 0.001          |             |                        |  |                       |                      |
| 2009-03-18  | 0.00   | 0.001          |             |                        |  |                       |                      |
| 2009-03-19  | 0.00   | 0.065          | 8.3         | 20                     | 1600   | 90                    |                      |
| 2009-03-20  | 0.00   | 0.02           |             |                        |  |                       |                      |
| 2009-03-21  | 0.00   | AN             |             |                        |  |                       |                      |
| 2009-03-22  | 0.00   | AN             |             |                        |  |                       |                      |
| 2009-03-23  | 0.00   | 0.001          |             |                        |  |                       |                      |
| 2009-03-24  | 0.00   | 0.057          |             |                        |  |                       |                      |
| 2009-03-25  | 0.50   | 0.001          |             |                        |  |                       |                      |
| 2009-03-26  | 0.44   | 0.041          |             |                        |  |                       |                      |
| 2009-03-27  | 0.40   | 0              |             |                        |  |                       |                      |
| 2009-03-28  | 0.00   | AN             |             |                        |  |                       |                      |
| 2009-03-29  | 0.00   | AN             |             |                        |  |                       |                      |
| 2009-03-30  | 0.00   | 0.001          |             |                        |  |                       |                      |
| 2009-03-31  | 0.00   | 0.001          |             |                        |  |                       |                      |
| Minimum   | 0.0  | 0.0            | 8.3         | 6.0                    | 400.0  | 60.0                  |                      |
| Maximum   | 0.5  | 0.065          | 8.6         | 20.0                   | 1600.0   | 90.0                  |                      |
| Average   | 0.04645  | 0.01136        |             | 13                     | 1000   | 75                    |                      |
| Count   | 31   | 22             | 2           | 2                      | 2  | 2                     |                      |
| Name of Responsible Official or Authorized Representative | I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. |                |             |                        | Signature of Responsible Official or Authorized Representative |                       | Submission Date/Time |
| Dennis Dubiel   |  |                |             |                        |  |                       |                      |

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## Ohio EPA - Daily Discharge Monitoring Report - Form 4500

**SUBMISSION ID:** 48237  
**FACILITY:** American Energy Corp Century Mine  
**LOCATION:** 43521 Mayhugh Hill Rd Twp Hwy 88  
 Beallsville, OH 43716  
**COUNTY:** Belmont  
**DISTRICT:** SEDO

**STATUS:** Original  
**PERMIT NUMBER:** 01L00091\*GD  
**STATION CODE:** 008  
**MONITORING PERIOD:** 2009-03-01 To: 2009-03-31  
**REPORTING LAB:** Tra-Det Inc.  
**ANALYST:** William Thompson  
**NO DISCHARGE INDICATOR:**

| PARAMETER   | Total Precipitation  | Flow Rate      | Conductivity | pH          | Residue, Total Dissolved                                       | Total Suspended Solids | Iron, Total (Fe)     |
|---|--|----------------|--------------|-------------|--|------------------------|----------------------|
| PARAMETER CODE  | 00045  | 50050          | 00094        | 00400       | 00515  | 00530                  | 01045                |
| UNITS   | 24258390   | 4108           | 24258362     | 6653        | 4106   | 4106                   | 4107                 |
| FREQUENCY   | 1/Day  | 1/Day          | 1 / 2 Weeks  | 1 / 2 Weeks | 1 / 2 Weeks  | 1 / 2 Weeks            | 1 / 2 Weeks          |
| SAMPLING TYPE   | Total  | Total Estimate | Grab         | Grab        | Grab   | Grab                   | Grab                 |
| 2009-03-01  | 0.00   | AN             |              |             |  |                        |                      |
| 2009-03-02  | 0.00   | 0.06           |              |             |  |                        |                      |
| 2009-03-03  | 0.00   | 0.066          | 8760         | 8.7         | 6800   | 40                     | 300                  |
| 2009-03-04  | 0.00   | 0.086          |              |             |  |                        |                      |
| 2009-03-05  | 0.00   | 0.088          |              |             |  |                        |                      |
| 2009-03-06  | 0.00   | 0.08           |              |             |  |                        |                      |
| 2009-03-07  | 0.00   | AN             |              |             |  |                        |                      |
| 2009-03-08  | 0.00   | AN             |              |             |  |                        |                      |
| 2009-03-09  | 0.10   | 0.14           |              |             |  |                        |                      |
| 2009-03-10  | 0.00   | 0.136          |              |             |  |                        |                      |
| 2009-03-11  | 0.00   | 0.142          |              |             |  |                        |                      |
| 2009-03-12  | 0.00   | 0.112          |              |             |  |                        |                      |
| 2009-03-13  | 0.00   | 0.108          |              |             |  |                        |                      |
| 2009-03-14  | 0.00   | AN             |              |             |  |                        |                      |
| 2009-03-15  | 0.00   | AN             |              |             |  |                        |                      |
| 2009-03-16  | 0.00   | 0.093          |              |             |  |                        |                      |
| 2009-03-17  | 0.00   | 0.096          |              |             |  |                        |                      |
| 2009-03-18  | 0.00   | 0.093          |              |             |  |                        |                      |
| 2009-03-19  | 0.00   | 0.126          | 9340         | 8.4         | 7200   | 13                     | 200                  |
| 2009-03-20  | 0.00   | 0.144          |              |             |  |                        |                      |
| 2009-03-21  | 0.00   | AN             |              |             |  |                        |                      |
| 2009-03-22  | 0.00   | AN             |              |             |  |                        |                      |
| 2009-03-23  | 0.00   | 0.086          |              |             |  |                        |                      |
| 2009-03-24  | 0.00   | 0.072          |              |             |  |                        |                      |
| 2009-03-25  | 0.50   | 0.088          |              |             |  |                        |                      |
| 2009-03-26  | 0.44   | 0.432          |              |             |  |                        |                      |
| 2009-03-27  | 0.40   | 0.175          |              |             |  |                        |                      |
| 2009-03-28  | 0.00   | AN             |              |             |  |                        |                      |
| 2009-03-29  | 0.00   | AN             |              |             |  |                        |                      |
| 2009-03-30  | 0.00   | 0.144          |              |             |  |                        |                      |
| 2009-03-31  | 0.00   | 0.072          |              |             |  |                        |                      |
| Minimum   | 0.0  | 0.06           | 8760.0       | 8.4         | 6800.0   | 13.0                   | 200.0                |
| Maximum   | 0.5  | 0.432          | 9340.0       | 8.7         | 7200.0   | 40.0                   | 300.0                |
| Average   | 0.04645  | 0.11995        | 9050         |             | 7000   | 26.5                   | 250                  |
| Count   | 31   | 22             | 2            | 2           | 2  | 2                      | 2                    |
| Name of Responsible Official or Authorized Representative | I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. |                |              |             | Signature of Responsible Official or Authorized Representative |                        | Submission Date/Time |
| Dennis Dubiel   |  |                |              |             |  |                        |                      |

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 FACILITY: American Energy Corp Century Mine  
 LOCATION: 43521 Mayhugh Hill Rd Twp Hwy 88  
 Beallsville, OH 43716  
 COUNTY: Belmont  
 DISTRICT: SEDO

STATUS: Original  
 PERMIT NUMBER: 01L00091\*GD  
 STATION CODE: 008  
 MONITORING PERIOD: 2009-03-01 To: 2009-03-31  
 REPORTING LAB: Tra-Det Inc.  
 ANALYST: William Thompson  
 NO DISCHARGE INDICATOR:

| PARAMETER   | Manganese, Total (Mn)  |  |  |  |  |  |                      |
|---|--|--|--|--|--|--|----------------------|
| PARAMETER CODE  | 01055  |  |  |  |  |  |                      |
| UNITS   | 4107   |  |  |  |  |  |                      |
| FREQUENCY   | 1 / 2 Weeks  |  |  |  |  |  |                      |
| SAMPLING TYPE   | Grab   |  |  |  |  |  |                      |
| 2009-03-01  |  |  |  |  |  |  |                      |
| 2009-03-02  |  |  |  |  |  |  |                      |
| 2009-03-03  | 950  |  |  |  |  |  |                      |
| 2009-03-04  |  |  |  |  |  |  |                      |
| 2009-03-05  |  |  |  |  |  |  |                      |
| 2009-03-06  |  |  |  |  |  |  |                      |
| 2009-03-07  |  |  |  |  |  |  |                      |
| 2009-03-08  |  |  |  |  |  |  |                      |
| 2009-03-09  |  |  |  |  |  |  |                      |
| 2009-03-10  |  |  |  |  |  |  |                      |
| 2009-03-11  |  |  |  |  |  |  |                      |
| 2009-03-12  |  |  |  |  |  |  |                      |
| 2009-03-13  |  |  |  |  |  |  |                      |
| 2009-03-14  |  |  |  |  |  |  |                      |
| 2009-03-15  |  |  |  |  |  |  |                      |
| 2009-03-16  |  |  |  |  |  |  |                      |
| 2009-03-17  |  |  |  |  |  |  |                      |
| 2009-03-18  |  |  |  |  |  |  |                      |
| 2009-03-19  | 490  |  |  |  |  |  |                      |
| 2009-03-20  |  |  |  |  |  |  |                      |
| 2009-03-21  |  |  |  |  |  |  |                      |
| 2009-03-22  |  |  |  |  |  |  |                      |
| 2009-03-23  |  |  |  |  |  |  |                      |
| 2009-03-24  |  |  |  |  |  |  |                      |
| 2009-03-25  |  |  |  |  |  |  |                      |
| 2009-03-26  |  |  |  |  |  |  |                      |
| 2009-03-27  |  |  |  |  |  |  |                      |
| 2009-03-28  |  |  |  |  |  |  |                      |
| 2009-03-29  |  |  |  |  |  |  |                      |
| 2009-03-30  |  |  |  |  |  |  |                      |
| 2009-03-31  |  |  |  |  |  |  |                      |
| Minimum   | 490.0  |  |  |  |  |  |                      |
| Maximum   | 950.0  |  |  |  |  |  |                      |
| Average   | 720  |  |  |  |  |  |                      |
| Count   | 2  |  |  |  |  |  |                      |
| Name of Responsible Official or Authorized Representative | I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. |  |  |  | Signature of Responsible Official or Authorized Representative |  | Submission Date/Time |
| Dennis Dubiel   |  |  |  |  |  |  | 2009-04-19           |

## Ohio EPA - Daily Discharge Monitoring Report - Form 4500

**SUBMISSION ID:** 48237  
**FACILITY:** American Energy Corp Century Mine  
**LOCATION:** 43521 Mayhugh Hill Rd Twp Hwy 88  
 Beallsville, OH 43716  
**COUNTY:** Belmont  
**DISTRICT:** SEDO

**STATUS:** Original  
**PERMIT NUMBER:** 01L00091\*GD  
**STATION CODE:** 011  
**MONITORING PERIOD :** 2009-03-01 To: 2009-03-31  
**REPORTING LAB:** Tra-Det Inc.  
**ANALYST:** William Thompson  
**NO DISCHARGE INDICATOR:**

| PARAMETER   | Total Precipitation  | Flow Rate      | pH          | Iron, Total (Fe)   | Manganese, Total (Mn) |                      |  |
|---|--|----------------|-------------|--|-----------------------|----------------------|--|
| PARAMETER CODE  | 00045  | 50050          | 00400       | 01045  | 01055                 |                      |  |
| UNITS   | 24258390   | 4108           | 6653        | 4107   | 4107                  |                      |  |
| FREQUENCY   | 1/Day  | 1/Day          | 1 / 2 Weeks | 1 / 2 Weeks  | 1 / 2 Weeks           |                      |  |
| SAMPLING TYPE   | Total  | Total Estimate | Grab        | Grab   | Grab                  |                      |  |
| 2009-03-01  | 0.00   | AN             |             |  |                       |                      |  |
| 2009-03-02  | 0.00   | 0.08           |             |  |                       |                      |  |
| 2009-03-03  | 0.00   | 0.086          | 8.5         | 300  | 150                   |                      |  |
| 2009-03-04  | 0.00   | 0.079          |             |  |                       |                      |  |
| 2009-03-05  | 0.00   | 0.074          |             |  |                       |                      |  |
| 2009-03-06  | 0.00   | 0.1            |             |  |                       |                      |  |
| 2009-03-07  | 0.00   | AN             |             |  |                       |                      |  |
| 2009-03-08  | 0.00   | AN             |             |  |                       |                      |  |
| 2009-03-09  | 0.10   | 0.15           |             |  |                       |                      |  |
| 2009-03-10  | 0.00   | 0.142          |             |  |                       |                      |  |
| 2009-03-11  | 0.00   | 0.148          |             |  |                       |                      |  |
| 2009-03-12  | 0.00   | 0.15           |             |  |                       |                      |  |
| 2009-03-13  | 0.00   | 0.165          |             |  |                       |                      |  |
| 2009-03-14  | 0.00   | AN             |             |  |                       |                      |  |
| 2009-03-15  | 0.00   | AN             |             |  |                       |                      |  |
| 2009-03-16  | 0.00   | 0.17           |             |  |                       |                      |  |
| 2009-03-17  | 0.00   | 0.155          |             |  |                       |                      |  |
| 2009-03-18  | 0.00   | 0.14           |             |  |                       |                      |  |
| 2009-03-19  | 0.00   | 0.138          | 8.6         | 300  | 120                   |                      |  |
| 2009-03-20  | 0.00   | 0.129          |             |  |                       |                      |  |
| 2009-03-21  | 0.00   | AN             |             |  |                       |                      |  |
| 2009-03-22  | 0.00   | AN             |             |  |                       |                      |  |
| 2009-03-23  | 0.00   | 0.19           |             |  |                       |                      |  |
| 2009-03-24  | 0.00   | 0.15           |             |  |                       |                      |  |
| 2009-03-25  | 0.50   | 0.177          |             |  |                       |                      |  |
| 2009-03-26  | 0.44   | 0.179          |             |  |                       |                      |  |
| 2009-03-27  | 0.40   | 0.166          |             |  |                       |                      |  |
| 2009-03-28  | 0.00   | AN             |             |  |                       |                      |  |
| 2009-03-29  | 0.00   | AN             |             |  |                       |                      |  |
| 2009-03-30  | 0.00   | 0.125          |             |  |                       |                      |  |
| 2009-03-31  | 0.00   | 0.165          |             |  |                       |                      |  |
| Minimum   | 0.0  | 0.074          | 8.5         | 300.0  | 120.0                 |                      |  |
| Maximum   | 0.5  | 0.19           | 8.6         | 300.0  | 150.0                 |                      |  |
| Average   | 0.04645  | 0.139          |             | 300  | 135                   |                      |  |
| Count   | 31   | 22             | 2           | 2  | 2                     |                      |  |
| Name of Responsible Official or Authorized Representative | I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. |                |             | Signature of Responsible Official or Authorized Representative |                       | Submission Date/Time |  |
| Dennis Dubiel   |  |                |             |  |                       |                      |  |

## Ohio EPA - Daily Discharge Monitoring Report - Form 4500

**SUBMISSION ID:** 48237      **STATUS:** Original  
**FACILITY:** American Energy Corp Century Mine      **PERMIT NUMBER:** 01L00091\*GD  
**LOCATION:** 43521 Mayhugh Hill Rd Twp Hwy 88      **STATION CODE:** 012  
                     Beallsville, OH 43716      **MONITORING PERIOD :** 2009-03-01 To: 2009-03-31  
**COUNTY:** Belmont      **REPORTING LAB:**  
**DISTRICT:** SEDO      **ANALYST:**  
    **NO DISCHARGE INDICATOR:** AL

| PARAMETER   | Total Precipitation  | Flow Rate      | Conductivity | pH   | Residue, Total Dissolved | Total Suspended Solids | Iron, Total (Fe)     |
|---|--|----------------|--------------|--|--------------------------|------------------------|----------------------|
| PARAMETER CODE  | 00045  | 50050          | 00094        | 00400  | 00515                    | 00530                  | 01045                |
| UNITS   | 24258390   | 4108           | 24258362     | 6653   | 4106                     | 4106                   | 4107                 |
| FREQUENCY   | 1/Day  | 1/Day          | 1 / 2 Weeks  | 1 / 2 Weeks  | 1 / 2 Weeks              | 1 / 2 Weeks            | 1 / 2 Weeks          |
| SAMPLING TYPE   | Total  | Total Estimate | Grab         | Grab   | Grab                     | Grab                   | Grab                 |
| 2009-03-01  |  |                |              |  |                          |                        |                      |
| 2009-03-02  |  |                |              |  |                          |                        |                      |
| 2009-03-03  |  |                |              |  |                          |                        |                      |
| 2009-03-04  |  |                |              |  |                          |                        |                      |
| 2009-03-05  |  |                |              |  |                          |                        |                      |
| 2009-03-06  |  |                |              |  |                          |                        |                      |
| 2009-03-07  |  |                |              |  |                          |                        |                      |
| 2009-03-08  |  |                |              |  |                          |                        |                      |
| 2009-03-09  |  |                |              |  |                          |                        |                      |
| 2009-03-10  |  |                |              |  |                          |                        |                      |
| 2009-03-11  |  |                |              |  |                          |                        |                      |
| 2009-03-12  |  |                |              |  |                          |                        |                      |
| 2009-03-13  |  |                |              |  |                          |                        |                      |
| 2009-03-14  |  |                |              |  |                          |                        |                      |
| 2009-03-15  |  |                |              |  |                          |                        |                      |
| 2009-03-16  |  |                |              |  |                          |                        |                      |
| 2009-03-17  |  |                |              |  |                          |                        |                      |
| 2009-03-18  |  |                |              |  |                          |                        |                      |
| 2009-03-19  |  |                |              |  |                          |                        |                      |
| 2009-03-20  |  |                |              |  |                          |                        |                      |
| 2009-03-21  |  |                |              |  |                          |                        |                      |
| 2009-03-22  |  |                |              |  |                          |                        |                      |
| 2009-03-23  |  |                |              |  |                          |                        |                      |
| 2009-03-24  |  |                |              |  |                          |                        |                      |
| 2009-03-25  |  |                |              |  |                          |                        |                      |
| 2009-03-26  |  |                |              |  |                          |                        |                      |
| 2009-03-27  |  |                |              |  |                          |                        |                      |
| 2009-03-28  |  |                |              |  |                          |                        |                      |
| 2009-03-29  |  |                |              |  |                          |                        |                      |
| 2009-03-30  |  |                |              |  |                          |                        |                      |
| 2009-03-31  |  |                |              |  |                          |                        |                      |
| Minimum   |  |                |              |  |                          |                        |                      |
| Maximum   |  |                |              |  |                          |                        |                      |
| Average   |  |                |              |  |                          |                        |                      |
| Count   |  |                |              |  |                          |                        |                      |
| Name of Responsible Official or Authorized Representative | I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. |                |              | Signature of Responsible Official or Authorized Representative |                          |                        | Submission Date/Time |
| Dennis Dubiel   |  |                |              |  |                          |                        | 2009-04-19           |

## Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 48237  
 FACILITY: American Energy Corp Century Mine  
 LOCATION: 43521 Mayhugh Hill Rd Twp Hwy 88  
 Beallsville, OH 43716  
 COUNTY: Belmont  
 DISTRICT: SEDO

STATUS: Original  
 PERMIT NUMBER: 01L00091\*GD  
 STATION CODE: 012  
 MONITORING PERIOD: 2009-03-01 To: 2009-03-31  
 REPORTING LAB:  
 ANALYST:  
 NO DISCHARGE INDICATOR: AL

| PARAMETER   | Manganese, Total (Mn)  |  |  |  |  |  |                      |
|---|--|--|--|--|--|--|----------------------|
| PARAMETER CODE  | 01055  |  |  |  |  |  |                      |
| UNITS   | 4107   |  |  |  |  |  |                      |
| FREQUENCY   | 1 / 2 Weeks  |  |  |  |  |  |                      |
| SAMPLING TYPE   | Grab   |  |  |  |  |  |                      |
| 2009-03-01  |  |  |  |  |  |  |                      |
| 2009-03-02  |  |  |  |  |  |  |                      |
| 2009-03-03  |  |  |  |  |  |  |                      |
| 2009-03-04  |  |  |  |  |  |  |                      |
| 2009-03-05  |  |  |  |  |  |  |                      |
| 2009-03-06  |  |  |  |  |  |  |                      |
| 2009-03-07  |  |  |  |  |  |  |                      |
| 2009-03-08  |  |  |  |  |  |  |                      |
| 2009-03-09  |  |  |  |  |  |  |                      |
| 2009-03-10  |  |  |  |  |  |  |                      |
| 2009-03-11  |  |  |  |  |  |  |                      |
| 2009-03-12  |  |  |  |  |  |  |                      |
| 2009-03-13  |  |  |  |  |  |  |                      |
| 2009-03-14  |  |  |  |  |  |  |                      |
| 2009-03-15  |  |  |  |  |  |  |                      |
| 2009-03-16  |  |  |  |  |  |  |                      |
| 2009-03-17  |  |  |  |  |  |  |                      |
| 2009-03-18  |  |  |  |  |  |  |                      |
| 2009-03-19  |  |  |  |  |  |  |                      |
| 2009-03-20  |  |  |  |  |  |  |                      |
| 2009-03-21  |  |  |  |  |  |  |                      |
| 2009-03-22  |  |  |  |  |  |  |                      |
| 2009-03-23  |  |  |  |  |  |  |                      |
| 2009-03-24  |  |  |  |  |  |  |                      |
| 2009-03-25  |  |  |  |  |  |  |                      |
| 2009-03-26  |  |  |  |  |  |  |                      |
| 2009-03-27  |  |  |  |  |  |  |                      |
| 2009-03-28  |  |  |  |  |  |  |                      |
| 2009-03-29  |  |  |  |  |  |  |                      |
| 2009-03-30  |  |  |  |  |  |  |                      |
| 2009-03-31  |  |  |  |  |  |  |                      |
| Minimum   |  |  |  |  |  |  |                      |
| Maximum   |  |  |  |  |  |  |                      |
| Average   |  |  |  |  |  |  |                      |
| Count   |  |  |  |  |  |  |                      |
| Name of Responsible Official or Authorized Representative | I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. |  |  |  | Signature of Responsible Official or Authorized Representative |  | Submission Date/Time |
| Dennis Dubiel   |  |  |  |  |  |  | 2009-04-19           |

## Ohio EPA - Daily Discharge Monitoring Report - Form 4500

**SUBMISSION ID:** 48237  
**FACILITY:** American Energy Corp Century Mine  
**LOCATION:** 43521 Mayhugh Hill Rd Twp Hwy 88  
 Beallsville, OH 43716  
**COUNTY:** Belmont  
**DISTRICT:** SEDO

**STATUS:** Original  
**PERMIT NUMBER:** 01L00091\*GD  
**STATION CODE:** 013  
**MONITORING PERIOD:** 2009-03-01 To: 2009-03-31  
**REPORTING LAB:** Tra-Det Inc.  
**ANALYST:** William Thompson  
**NO DISCHARGE INDICATOR:**

| PARAMETER   | Total Precipitation  | Flow Rate      | Conductivity | pH          | Residue, Total Dissolved                                       | Total Suspended Solids | Iron, Total (Fe)     |
|---|--|----------------|--------------|-------------|--|------------------------|----------------------|
| PARAMETER CODE  | 00045  | 50050          | 00094        | 00400       | 00515  | 00530                  | 01045                |
| UNITS   | 24258390   | 4108           | 24258362     | 6653        | 4106   | 4106                   | 4107                 |
| FREQUENCY   | 1/Day  | 1/Day          | 1 / 2 Weeks  | 1 / 2 Weeks | 1 / 2 Weeks  | 1 / 2 Weeks            | 1 / 2 Weeks          |
| SAMPLING TYPE   | Total  | Total Estimate | Grab         | Grab        | Grab   | Grab                   | Grab                 |
| 2009-03-01  | 0.00   | AN             |              |             |  |                        |                      |
| 2009-03-02  | 0.00   | 0              |              |             |  |                        |                      |
| 2009-03-03  | 0.00   | 0              |              |             |  |                        |                      |
| 2009-03-04  | 0.00   | 0              |              |             |  |                        |                      |
| 2009-03-05  | 0.00   | 0              |              |             |  |                        |                      |
| 2009-03-06  | 0.00   | 0              |              |             |  |                        |                      |
| 2009-03-07  | 0.00   | AN             |              |             |  |                        |                      |
| 2009-03-08  | 0.00   | AN             |              |             |  |                        |                      |
| 2009-03-09  | 0.10   | 0              |              |             |  |                        |                      |
| 2009-03-10  | 0.00   | 0.001          | 8100         | 7.7         | 6300   | AA 10                  | AA 1000              |
| 2009-03-11  | 0.00   | 0.001          |              |             |  |                        |                      |
| 2009-03-12  | 0.00   | 0.001          |              |             |  |                        |                      |
| 2009-03-13  | 0.00   | 0.001          |              |             |  |                        |                      |
| 2009-03-14  | 0.00   | AN             |              |             |  |                        |                      |
| 2009-03-15  | 0.00   | AN             |              |             |  |                        |                      |
| 2009-03-16  | 0.00   | 0.001          |              |             |  |                        |                      |
| 2009-03-17  | 0.00   | 0.001          |              |             |  |                        |                      |
| 2009-03-18  | 0.00   | 0.001          |              |             |  |                        |                      |
| 2009-03-19  | 0.00   | 0.001          | 8190         | 7.7         | 6300   | 10                     | 800                  |
| 2009-03-20  | 0.00   | 0.001          |              |             |  |                        |                      |
| 2009-03-21  | 0.00   | AN             |              |             |  |                        |                      |
| 2009-03-22  | 0.00   | AN             |              |             |  |                        |                      |
| 2009-03-23  | 0.00   | 0.001          |              |             |  |                        |                      |
| 2009-03-24  | 0.00   | 0.001          |              |             |  |                        |                      |
| 2009-03-25  | 0.50   | 0.001          |              |             |  |                        |                      |
| 2009-03-26  | 0.44   | 0.001          |              |             |  |                        |                      |
| 2009-03-27  | 0.40   | 0.001          |              |             |  |                        |                      |
| 2009-03-28  | 0.00   | AN             |              |             |  |                        |                      |
| 2009-03-29  | 0.00   | AN             |              |             |  |                        |                      |
| 2009-03-30  | 0.00   | 0.001          |              |             |  |                        |                      |
| 2009-03-31  | 0.00   | 0.001          |              |             |  |                        |                      |
| Minimum   | 0.0  | 0.0            | 8100.0       | 7.7         | 6300.0   | 0.0                    | 0.0                  |
| Maximum   | 0.5  | 0.0010         | 8190.0       | 7.7         | 6300.0   | 10.0                   | 800.0                |
| Average   | 0.04645  | 0.00073        | 8145         |             | 6300   | 5                      | 400                  |
| Count   | 31   | 22             | 2            | 2           | 2  | 2                      | 2                    |
| Name of Responsible Official or Authorized Representative | I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. |                |              |             | Signature of Responsible Official or Authorized Representative |                        | Submission Date/Time |
| Dennis Dubiel   |  |                |              |             |  |                        | 2009-04-19           |

## Ohio EPA - Daily Discharge Monitoring Report - Form 4500

**SUBMISSION ID:** 48237  
**FACILITY:** American Energy Corp Century Mine  
**LOCATION:** 43521 Mayhugh Hill Rd Twp Hwy 88  
 Beallsville, OH 43716  
**COUNTY:** Belmont  
**DISTRICT:** SEDO

**STATUS:** Original  
**PERMIT NUMBER:** 01L00091\*GD  
**STATION CODE:** 013  
**MONITORING PERIOD:** 2009-03-01 To: 2009-03-31  
**REPORTING LAB:** Tra-Det Inc.  
**ANALYST:** William Thompson  
**NO DISCHARGE INDICATOR:**

| PARAMETER   | Manganese, Total (Mn)  |  |  |  |  |  |                      |
|---|--|--|--|--|--|--|----------------------|
| PARAMETER CODE  | 01055  |  |  |  |  |  |                      |
| UNITS   | 4107   |  |  |  |  |  |                      |
| FREQUENCY   | 1 / 2 Weeks  |  |  |  |  |  |                      |
| SAMPLING TYPE   | Grab   |  |  |  |  |  |                      |
| 2009-03-01  |  |  |  |  |  |  |                      |
| 2009-03-02  |  |  |  |  |  |  |                      |
| 2009-03-03  |  |  |  |  |  |  |                      |
| 2009-03-04  |  |  |  |  |  |  |                      |
| 2009-03-05  |  |  |  |  |  |  |                      |
| 2009-03-06  |  |  |  |  |  |  |                      |
| 2009-03-07  |  |  |  |  |  |  |                      |
| 2009-03-08  |  |  |  |  |  |  |                      |
| 2009-03-09  |  |  |  |  |  |  |                      |
| 2009-03-10  | 710  |  |  |  |  |  |                      |
| 2009-03-11  |  |  |  |  |  |  |                      |
| 2009-03-12  |  |  |  |  |  |  |                      |
| 2009-03-13  |  |  |  |  |  |  |                      |
| 2009-03-14  |  |  |  |  |  |  |                      |
| 2009-03-15  |  |  |  |  |  |  |                      |
| 2009-03-16  |  |  |  |  |  |  |                      |
| 2009-03-17  |  |  |  |  |  |  |                      |
| 2009-03-18  |  |  |  |  |  |  |                      |
| 2009-03-19  | 720  |  |  |  |  |  |                      |
| 2009-03-20  |  |  |  |  |  |  |                      |
| 2009-03-21  |  |  |  |  |  |  |                      |
| 2009-03-22  |  |  |  |  |  |  |                      |
| 2009-03-23  |  |  |  |  |  |  |                      |
| 2009-03-24  |  |  |  |  |  |  |                      |
| 2009-03-25  |  |  |  |  |  |  |                      |
| 2009-03-26  |  |  |  |  |  |  |                      |
| 2009-03-27  |  |  |  |  |  |  |                      |
| 2009-03-28  |  |  |  |  |  |  |                      |
| 2009-03-29  |  |  |  |  |  |  |                      |
| 2009-03-30  |  |  |  |  |  |  |                      |
| 2009-03-31  |  |  |  |  |  |  |                      |
| Minimum   | 710.0  |  |  |  |  |  |                      |
| Maximum   | 720.0  |  |  |  |  |  |                      |
| Average   | 715  |  |  |  |  |  |                      |
| Count   | 2  |  |  |  |  |  |                      |
| Name of Responsible Official or Authorized Representative | I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. |  |  |  | Signature of Responsible Official or Authorized Representative |  | Submission Date/Time |
| Dennis Dubiel   |  |  |  |  |  |  | 2009-04-19           |



## Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 48237  
 FACILITY: American Energy Corp Century Mine  
 LOCATION: 43521 Mayhugh Hill Rd Twp Hwy 88  
 Beallsville, OH 43716  
 COUNTY: Belmont  
 DISTRICT: SEDO

STATUS: Original  
 PERMIT NUMBER: 01L00091\*GD  
 STATION CODE: 014  
 MONITORING PERIOD: 2009-03-01 To: 2009-03-31  
 REPORTING LAB:  
 ANALYST:  
 NO DISCHARGE INDICATOR: AL

| PARAMETER   | Total Precipitation  | Flow Rate      | pH     | Total Suspended Solids | Iron, Total (Fe)   | Manganese, Total (Mn) | Conductivity         |
|---|--|----------------|--------|------------------------|--|-----------------------|----------------------|
| PARAMETER CODE  | 00045  | 50050          | 00400  | 00530                  | 01045  | 01055                 | 00094                |
| UNITS   | 24258390   | 4108           | 6653   | 4106                   | 4107   | 4107                  | 24258362             |
| FREQUENCY   | 1/Day  | 1/Day          | 1/Week | 1/Week                 | 1/Week   | 1/Week                | 1 / 2 Weeks          |
| SAMPLING TYPE   | Total  | Total Estimate | Grab   | Grab                   | Grab   | Grab                  | Grab                 |
| 2009-03-01  |  |                |        |                        |  |                       |                      |
| 2009-03-02  |  |                |        |                        |  |                       |                      |
| 2009-03-03  |  |                |        |                        |  |                       |                      |
| 2009-03-04  |  |                |        |                        |  |                       |                      |
| 2009-03-05  |  |                |        |                        |  |                       |                      |
| 2009-03-06  |  |                |        |                        |  |                       |                      |
| 2009-03-07  |  |                |        |                        |  |                       |                      |
| 2009-03-08  |  |                |        |                        |  |                       |                      |
| 2009-03-09  |  |                |        |                        |  |                       |                      |
| 2009-03-10  |  |                |        |                        |  |                       |                      |
| 2009-03-11  |  |                |        |                        |  |                       |                      |
| 2009-03-12  |  |                |        |                        |  |                       |                      |
| 2009-03-13  |  |                |        |                        |  |                       |                      |
| 2009-03-14  |  |                |        |                        |  |                       |                      |
| 2009-03-15  |  |                |        |                        |  |                       |                      |
| 2009-03-16  |  |                |        |                        |  |                       |                      |
| 2009-03-17  |  |                |        |                        |  |                       |                      |
| 2009-03-18  |  |                |        |                        |  |                       |                      |
| 2009-03-19  |  |                |        |                        |  |                       |                      |
| 2009-03-20  |  |                |        |                        |  |                       |                      |
| 2009-03-21  |  |                |        |                        |  |                       |                      |
| 2009-03-22  |  |                |        |                        |  |                       |                      |
| 2009-03-23  |  |                |        |                        |  |                       |                      |
| 2009-03-24  |  |                |        |                        |  |                       |                      |
| 2009-03-25  |  |                |        |                        |  |                       |                      |
| 2009-03-26  |  |                |        |                        |  |                       |                      |
| 2009-03-27  |  |                |        |                        |  |                       |                      |
| 2009-03-28  |  |                |        |                        |  |                       |                      |
| 2009-03-29  |  |                |        |                        |  |                       |                      |
| 2009-03-30  |  |                |        |                        |  |                       |                      |
| 2009-03-31  |  |                |        |                        |  |                       |                      |
| Minimum   |  |                |        |                        |  |                       |                      |
| Maximum   |  |                |        |                        |  |                       |                      |
| Average   |  |                |        |                        |  |                       |                      |
| Count   |  |                |        |                        |  |                       |                      |
| Name of Responsible Official or Authorized Representative | I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. |                |        |                        | Signature of Responsible Official or Authorized Representative |                       | Submission Date/Time |
| Dennis Dubiel   |  |                |        |                        |  |                       |                      |

## Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 48237  
 FACILITY: American Energy Corp Century Mine  
 LOCATION: 43521 Mayhugh Hill Rd Twp Hwy 88  
 Beallsville, OH 43716  
 COUNTY: Belmont  
 DISTRICT: SEDO

STATUS: Original  
 PERMIT NUMBER: 01L00091\*GD  
 STATION CODE: 014  
 MONITORING PERIOD: 2009-03-01 To: 2009-03-31  
 REPORTING LAB:  
 ANALYST:  
 NO DISCHARGE INDICATOR: AL

| PARAMETER   | Residue, Total Dissolved   |  |  |  |  |  |                      |
|---|--|--|--|--|--|--|----------------------|
| PARAMETER CODE  | 00515  |  |  |  |  |  |                      |
| UNITS   | 4106   |  |  |  |  |  |                      |
| FREQUENCY   | 1 / 2 Weeks  |  |  |  |  |  |                      |
| SAMPLING TYPE   | Grab   |  |  |  |  |  |                      |
| 2009-03-01  |  |  |  |  |  |  |                      |
| 2009-03-02  |  |  |  |  |  |  |                      |
| 2009-03-03  |  |  |  |  |  |  |                      |
| 2009-03-04  |  |  |  |  |  |  |                      |
| 2009-03-05  |  |  |  |  |  |  |                      |
| 2009-03-06  |  |  |  |  |  |  |                      |
| 2009-03-07  |  |  |  |  |  |  |                      |
| 2009-03-08  |  |  |  |  |  |  |                      |
| 2009-03-09  |  |  |  |  |  |  |                      |
| 2009-03-10  |  |  |  |  |  |  |                      |
| 2009-03-11  |  |  |  |  |  |  |                      |
| 2009-03-12  |  |  |  |  |  |  |                      |
| 2009-03-13  |  |  |  |  |  |  |                      |
| 2009-03-14  |  |  |  |  |  |  |                      |
| 2009-03-15  |  |  |  |  |  |  |                      |
| 2009-03-16  |  |  |  |  |  |  |                      |
| 2009-03-17  |  |  |  |  |  |  |                      |
| 2009-03-18  |  |  |  |  |  |  |                      |
| 2009-03-19  |  |  |  |  |  |  |                      |
| 2009-03-20  |  |  |  |  |  |  |                      |
| 2009-03-21  |  |  |  |  |  |  |                      |
| 2009-03-22  |  |  |  |  |  |  |                      |
| 2009-03-23  |  |  |  |  |  |  |                      |
| 2009-03-24  |  |  |  |  |  |  |                      |
| 2009-03-25  |  |  |  |  |  |  |                      |
| 2009-03-26  |  |  |  |  |  |  |                      |
| 2009-03-27  |  |  |  |  |  |  |                      |
| 2009-03-28  |  |  |  |  |  |  |                      |
| 2009-03-29  |  |  |  |  |  |  |                      |
| 2009-03-30  |  |  |  |  |  |  |                      |
| 2009-03-31  |  |  |  |  |  |  |                      |
| Minimum   |  |  |  |  |  |  |                      |
| Maximum   |  |  |  |  |  |  |                      |
| Average   |  |  |  |  |  |  |                      |
| Count   |  |  |  |  |  |  |                      |
| Name of Responsible Official or Authorized Representative | I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. |  |  |  | Signature of Responsible Official or Authorized Representative |  | Submission Date/Time |
| Dennis Dubiel   |  |  |  |  |  |  | 2009-04-19           |

## Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 48237  
 FACILITY: American Energy Corp Century Mine  
 LOCATION: 43521 Maybough Hill Rd Twp Hwy 88  
 Beallsville, OH 43716  
 COUNTY: Belmont  
 DISTRICT: SEDO

STATUS: Original  
 PERMIT NUMBER: 01L00091\*GD  
 STATION CODE: 015  
 MONITORING PERIOD: 2009-03-01 To: 2009-03-31  
 REPORTING LAB: Tra-Det Inc.  
 ANALYST: William Thompson  
 NO DISCHARGE INDICATOR:

| PARAMETER   | Total Precipitation  | Flow Rate      | Conductivity | pH          | Residue, Total Dissolved                                       | Total Suspended Solids | Iron, Total (Fe)     |
|---|--|----------------|--------------|-------------|--|------------------------|----------------------|
| PARAMETER CODE  | 00045  | 50050          | 00094        | 00400       | 00515  | 00530                  | 01045                |
| UNITS   | 24258390   | 4108           | 24258362     | 6653        | 4106   | 4106                   | 4107                 |
| FREQUENCY   | 1/Day  | 1/Day          | 1 / 2 Weeks  | 1 / 2 Weeks | 1 / 2 Weeks  | 1 / 2 Weeks            | 1 / 2 Weeks          |
| SAMPLING TYPE   | Total  | Total Estimate | Grab         | Grab        | Grab   | Grab                   | Grab                 |
| 2009-03-01  | 0.00   | AN             |              |             |  |                        |                      |
| 2009-03-02  | 0.00   | 0.004          |              |             |  |                        |                      |
| 2009-03-03  | 0.00   | 0.004          | 10500        | 8.4         | 8600   | 15                     | 1600                 |
| 2009-03-04  | 0.00   | 0.004          |              |             |  |                        |                      |
| 2009-03-05  | 0.00   | 0.005          |              |             |  |                        |                      |
| 2009-03-06  | 0.00   | 0.004          |              |             |  |                        |                      |
| 2009-03-07  | 0.00   | AN             |              |             |  |                        |                      |
| 2009-03-08  | 0.00   | AN             |              |             |  |                        |                      |
| 2009-03-09  | 0.10   | 0.003          |              |             |  |                        |                      |
| 2009-03-10  | 0.00   | 0.001          |              |             |  |                        |                      |
| 2009-03-11  | 0.00   | 0.013          |              |             |  |                        |                      |
| 2009-03-12  | 0.00   | 0.002          |              |             |  |                        |                      |
| 2009-03-13  | 0.00   | 0.004          |              |             |  |                        |                      |
| 2009-03-14  | 0.00   | AN             |              |             |  |                        |                      |
| 2009-03-15  | 0.00   | AN             |              |             |  |                        |                      |
| 2009-03-16  | 0.00   | 0.003          |              |             |  |                        |                      |
| 2009-03-17  | 0.00   | 0.003          |              |             |  |                        |                      |
| 2009-03-18  | 0.00   | 0.002          |              |             |  |                        |                      |
| 2009-03-19  | 0.00   | 0.005          | 11200        | 8.4         | 9100   | 12                     | 200                  |
| 2009-03-20  | 0.00   | 0.004          |              |             |  |                        |                      |
| 2009-03-21  | 0.00   | AN             |              |             |  |                        |                      |
| 2009-03-22  | 0.00   | AN             |              |             |  |                        |                      |
| 2009-03-23  | 0.00   | 0.004          |              |             |  |                        |                      |
| 2009-03-24  | 0.00   | 0.004          |              |             |  |                        |                      |
| 2009-03-25  | 0.50   | 0.004          |              |             |  |                        |                      |
| 2009-03-26  | 0.44   | 0.005          |              |             |  |                        |                      |
| 2009-03-27  | 0.40   | 0.003          |              |             |  |                        |                      |
| 2009-03-28  | 0.00   | AN             |              |             |  |                        |                      |
| 2009-03-29  | 0.00   | AN             |              |             |  |                        |                      |
| 2009-03-30  | 0.00   | 0.004          |              |             |  |                        |                      |
| 2009-03-31  | 0.00   | 0.003          |              |             |  |                        |                      |
| Minimum   | 0.0  | 0.0010         | 10500.0      | 8.4         | 8600.0   | 12.0                   | 200.0                |
| Maximum   | 0.5  | 0.013          | 11200.0      | 8.4         | 9100.0   | 15.0                   | 1600.0               |
| Average   | 0.04645  | 0.004          | 10850        |             | 8850   | 13.5                   | 900                  |
| Count   | 31   | 22             | 2            | 2           | 2  | 2                      | 2                    |
| Name of Responsible Official or Authorized Representative | I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. |                |              |             | Signature of Responsible Official or Authorized Representative |                        | Submission Date/Time |
| Dennis Dubiel   |  |                |              |             |  |                        | 2009-04-19           |

## Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 48237  
 FACILITY: American Energy Corp Century Mine  
 LOCATION: 43521 Mayhugh Hill Rd Twp Hwy 88  
 Beallsville, OH 43716  
 COUNTY: Belmont  
 DISTRICT: SEDO

STATUS: Original  
 PERMIT NUMBER: 01L00091\*GD  
 STATION CODE: 015  
 MONITORING PERIOD: 2009-03-01 To: 2009-03-31  
 REPORTING LAB: Tra-Det Inc.  
 ANALYST: William Thompson  
 NO DISCHARGE INDICATOR:

| PARAMETER   | Manganese, Total (Mn)  |  |  |  |  |                      |
|---|--|--|--|--|--|----------------------|
| PARAMETER CODE  | 01055  |  |  |  |  |                      |
| UNITS   | 4107   |  |  |  |  |                      |
| FREQUENCY   | 1 / 2 Weeks  |  |  |  |  |                      |
| SAMPLING TYPE   | Grab   |  |  |  |  |                      |
| 2009-03-01  |  |  |  |  |  |                      |
| 2009-03-02  |  |  |  |  |  |                      |
| 2009-03-03  | 2700   |  |  |  |  |                      |
| 2009-03-04  |  |  |  |  |  |                      |
| 2009-03-05  |  |  |  |  |  |                      |
| 2009-03-06  |  |  |  |  |  |                      |
| 2009-03-07  |  |  |  |  |  |                      |
| 2009-03-08  |  |  |  |  |  |                      |
| 2009-03-09  |  |  |  |  |  |                      |
| 2009-03-10  |  |  |  |  |  |                      |
| 2009-03-11  |  |  |  |  |  |                      |
| 2009-03-12  |  |  |  |  |  |                      |
| 2009-03-13  |  |  |  |  |  |                      |
| 2009-03-14  |  |  |  |  |  |                      |
| 2009-03-15  |  |  |  |  |  |                      |
| 2009-03-16  |  |  |  |  |  |                      |
| 2009-03-17  |  |  |  |  |  |                      |
| 2009-03-18  |  |  |  |  |  |                      |
| 2009-03-19  | 720  |  |  |  |  |                      |
| 2009-03-20  |  |  |  |  |  |                      |
| 2009-03-21  |  |  |  |  |  |                      |
| 2009-03-22  |  |  |  |  |  |                      |
| 2009-03-23  |  |  |  |  |  |                      |
| 2009-03-24  |  |  |  |  |  |                      |
| 2009-03-25  |  |  |  |  |  |                      |
| 2009-03-26  |  |  |  |  |  |                      |
| 2009-03-27  |  |  |  |  |  |                      |
| 2009-03-28  |  |  |  |  |  |                      |
| 2009-03-29  |  |  |  |  |  |                      |
| 2009-03-30  |  |  |  |  |  |                      |
| 2009-03-31  |  |  |  |  |  |                      |
| Minimum   | 720.0  |  |  |  |  |                      |
| Maximum   | 2700.0   |  |  |  |  |                      |
| Average   | 1710   |  |  |  |  |                      |
| Count   | 2  |  |  |  |  |                      |
| Name of Responsible Official or Authorized Representative | I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. |  |  | Signature of Responsible Official or Authorized Representative |  | Submission Date/Time |
| Dennis Dubiel   |  |  |  |  |  | 2009-04-19           |

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## Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 48237  
 FACILITY: American Energy Corp Century Mine  
 LOCATION: 43521 Mayhugh Hill Rd Twp Hwy 88  
 Beallsville, OH 43716  
 COUNTY: Belmont  
 DISTRICT: SEDO

STATUS: Original  
 PERMIT NUMBER: 01L00091\*GD  
 STATION CODE: 016  
 MONITORING PERIOD: 2009-03-01 To: 2009-03-31  
 REPORTING LAB:  
 ANALYST:  
 NO DISCHARGE INDICATOR: AL

| PARAMETER   | Total Precipitation  | Flow Rate      | Conductivity | pH          | Residue, Total Dissolved                                       | Total Suspended Solids | Iron, Total (Fe)     |
|---|--|----------------|--------------|-------------|--|------------------------|----------------------|
| PARAMETER CODE  | 00045  | 50050          | 00094        | 00400       | 00515  | 00530                  | 01045                |
| UNITS   | 24258390   | 4108           | 24258362     | 6653        | 4106   | 4106                   | 4107                 |
| FREQUENCY   | 1/Day  | 1/Day          | 1 / 2 Weeks  | 1 / 2 Weeks | 1 / 2 Weeks  | 1 / 2 Weeks            | 1 / 2 Weeks          |
| SAMPLING TYPE   | Total  | Total Estimate | Grab         | Grab        | Grab   | Grab                   | Grab                 |
| 2009-03-01  |  |                |              |             |  |                        |                      |
| 2009-03-02  |  |                |              |             |  |                        |                      |
| 2009-03-03  |  |                |              |             |  |                        |                      |
| 2009-03-04  |  |                |              |             |  |                        |                      |
| 2009-03-05  |  |                |              |             |  |                        |                      |
| 2009-03-06  |  |                |              |             |  |                        |                      |
| 2009-03-07  |  |                |              |             |  |                        |                      |
| 2009-03-08  |  |                |              |             |  |                        |                      |
| 2009-03-09  |  |                |              |             |  |                        |                      |
| 2009-03-10  |  |                |              |             |  |                        |                      |
| 2009-03-11  |  |                |              |             |  |                        |                      |
| 2009-03-12  |  |                |              |             |  |                        |                      |
| 2009-03-13  |  |                |              |             |  |                        |                      |
| 2009-03-14  |  |                |              |             |  |                        |                      |
| 2009-03-15  |  |                |              |             |  |                        |                      |
| 2009-03-16  |  |                |              |             |  |                        |                      |
| 2009-03-17  |  |                |              |             |  |                        |                      |
| 2009-03-18  |  |                |              |             |  |                        |                      |
| 2009-03-19  |  |                |              |             |  |                        |                      |
| 2009-03-20  |  |                |              |             |  |                        |                      |
| 2009-03-21  |  |                |              |             |  |                        |                      |
| 2009-03-22  |  |                |              |             |  |                        |                      |
| 2009-03-23  |  |                |              |             |  |                        |                      |
| 2009-03-24  |  |                |              |             |  |                        |                      |
| 2009-03-25  |  |                |              |             |  |                        |                      |
| 2009-03-26  |  |                |              |             |  |                        |                      |
| 2009-03-27  |  |                |              |             |  |                        |                      |
| 2009-03-28  |  |                |              |             |  |                        |                      |
| 2009-03-29  |  |                |              |             |  |                        |                      |
| 2009-03-30  |  |                |              |             |  |                        |                      |
| 2009-03-31  |  |                |              |             |  |                        |                      |
| Minimum   |  |                |              |             |  |                        |                      |
| Maximum   |  |                |              |             |  |                        |                      |
| Average   |  |                |              |             |  |                        |                      |
| Count   |  |                |              |             |  |                        |                      |
| Name of Responsible Official or Authorized Representative | I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. |                |              |             | Signature of Responsible Official or Authorized Representative |                        | Submission Date/Time |
| Dennis Dubiel   |  |                |              |             |  |                        |                      |

## Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 48237  
 FACILITY: American Energy Corp Century Mine  
 LOCATION: 43521 Mayhugh Hill Rd Twp Hwy 88  
 Beallsville, OH 43716  
 COUNTY: Belmont  
 DISTRICT: SEDO

STATUS: Original  
 PERMIT NUMBER: 01L00091\*GD  
 STATION CODE: 016  
 MONITORING PERIOD: 2009-03-01 To: 2009-03-31  
 REPORTING LAB:  
 ANALYST:  
 NO DISCHARGE INDICATOR: AL

| PARAMETER   | Manganese, Total (Mn)  |  |  |  |  |  |                      |
|---|--|--|--|--|--|--|----------------------|
| PARAMETER CODE  | 01055  |  |  |  |  |  |                      |
| UNITS   | 4107   |  |  |  |  |  |                      |
| FREQUENCY   | 1 / 2 Weeks  |  |  |  |  |  |                      |
| SAMPLING TYPE   | Grab   |  |  |  |  |  |                      |
| 2009-03-01  |  |  |  |  |  |  |                      |
| 2009-03-02  |  |  |  |  |  |  |                      |
| 2009-03-03  |  |  |  |  |  |  |                      |
| 2009-03-04  |  |  |  |  |  |  |                      |
| 2009-03-05  |  |  |  |  |  |  |                      |
| 2009-03-06  |  |  |  |  |  |  |                      |
| 2009-03-07  |  |  |  |  |  |  |                      |
| 2009-03-08  |  |  |  |  |  |  |                      |
| 2009-03-09  |  |  |  |  |  |  |                      |
| 2009-03-10  |  |  |  |  |  |  |                      |
| 2009-03-11  |  |  |  |  |  |  |                      |
| 2009-03-12  |  |  |  |  |  |  |                      |
| 2009-03-13  |  |  |  |  |  |  |                      |
| 2009-03-14  |  |  |  |  |  |  |                      |
| 2009-03-15  |  |  |  |  |  |  |                      |
| 2009-03-16  |  |  |  |  |  |  |                      |
| 2009-03-17  |  |  |  |  |  |  |                      |
| 2009-03-18  |  |  |  |  |  |  |                      |
| 2009-03-19  |  |  |  |  |  |  |                      |
| 2009-03-20  |  |  |  |  |  |  |                      |
| 2009-03-21  |  |  |  |  |  |  |                      |
| 2009-03-22  |  |  |  |  |  |  |                      |
| 2009-03-23  |  |  |  |  |  |  |                      |
| 2009-03-24  |  |  |  |  |  |  |                      |
| 2009-03-25  |  |  |  |  |  |  |                      |
| 2009-03-26  |  |  |  |  |  |  |                      |
| 2009-03-27  |  |  |  |  |  |  |                      |
| 2009-03-28  |  |  |  |  |  |  |                      |
| 2009-03-29  |  |  |  |  |  |  |                      |
| 2009-03-30  |  |  |  |  |  |  |                      |
| 2009-03-31  |  |  |  |  |  |  |                      |
| Minimum   |  |  |  |  |  |  |                      |
| Maximum   |  |  |  |  |  |  |                      |
| Average   |  |  |  |  |  |  |                      |
| Count   |  |  |  |  |  |  |                      |
| Name of Responsible Official or Authorized Representative | I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. |  |  |  | Signature of Responsible Official or Authorized Representative |  | Submission Date/Time |
| Dennis Dubiel   |  |  |  |  |  |  |                      |

## Ohio EPA - Daily Discharge Monitoring Report - Form 4500

**SUBMISSION ID:** 48237  
**FACILITY:** American Energy Corp Century Mine  
**LOCATION:** 43521 Mayhugh Hill Rd Twp Hwy 88  
 Beallsville, OH 43716  
**COUNTY:** Belmont  
**DISTRICT:** SEDO

**STATUS:** Original  
**PERMIT NUMBER:** 01L00091\*GD  
**STATION CODE:** 017  
**MONITORING PERIOD:** 2009-03-01 To: 2009-03-31  
**REPORTING LAB:** Tra-Det Inc.  
**ANALYST:** William Thompson  
**NO DISCHARGE INDICATOR:**

| PARAMETER      | Flow Rate      | Color, Severity | Odor, Severity | Turbidity, Severity | Water Temperature | Dissolved Oxygen | pH          |
|----------------|----------------|-----------------|----------------|---------------------|-------------------|------------------|-------------|
| PARAMETER CODE | 00056          | 00083           | 01330          | 01350               | 00010             | 00300            | 00400       |
| UNITS          | 4109           | 4105            | 4105           | 4105                | 4102              | 4106             | 6653        |
| FREQUENCY      | 1/Day          | 1/Day           | 1/Day          | 1/Day               | 1/Week            | 1 / 2 Weeks      | 1 / 2 Weeks |
| SAMPLING TYPE  | Total Estimate | Estimate        | Estimate       | Estimate            | Grab              | Grab             | Grab        |
| 2009-03-01     | AN             | AN              | AN             | AN                  |                   |                  |             |
| 2009-03-02     | 4000           | 0               | 0              | 0                   |                   |                  |             |
| 2009-03-03     | 2000           | 0               | 0              | 0                   |                   |                  |             |
| 2009-03-04     | 1000           | 0               | 0              | 0                   | 8                 | 12               | 7.8         |
| 2009-03-05     | 5000           | 0               | 0              | 0                   |                   |                  |             |
| 2009-03-06     | 7000           | 0               | 0              | 0                   |                   |                  |             |
| 2009-03-07     | AN             | AN              | AN             | AN                  |                   |                  |             |
| 2009-03-08     | AN             | AN              | AN             | AN                  |                   |                  |             |
| 2009-03-09     | 6000           | 0               | 0              | 0                   |                   |                  |             |
| 2009-03-10     | 4000           | 0               | 0              | 0                   |                   |                  |             |
| 2009-03-11     | 7000           | 0               | 0              | 0                   | 7                 |                  |             |
| 2009-03-12     | 8000           | 0               | 0              | 0                   |                   |                  |             |
| 2009-03-13     | 8000           | 0               | 0              | 0                   |                   |                  |             |
| 2009-03-14     | AN             | AN              | AN             | AN                  |                   |                  |             |
| 2009-03-15     | AN             | AN              | AN             | AN                  |                   |                  |             |
| 2009-03-16     | 4000           | 0               | 0              | 0                   |                   |                  |             |
| 2009-03-17     | 2000           | 0               | 0              | 0                   |                   |                  |             |
| 2009-03-18     | 5000           | 0               | 0              | 0                   | 10                | 12               | 7.8         |
| 2009-03-19     | 7000           | 0               | 0              | 0                   |                   |                  |             |
| 2009-03-20     | 6000           | 0               | 0              | 0                   |                   |                  |             |
| 2009-03-21     | AN             | AN              | AN             | AN                  |                   |                  |             |
| 2009-03-22     | AN             | AN              | AN             | AN                  |                   |                  |             |
| 2009-03-23     | 4000           | 0               | 0              | 0                   | 12                |                  |             |
| 2009-03-24     | 4000           | 0               | 0              | 0                   |                   |                  |             |
| 2009-03-25     | 3000           | 0               | 0              | 0                   |                   |                  |             |
| 2009-03-26     | 6000           | 0               | 0              | 0                   |                   |                  |             |
| 2009-03-27     | 5000           | 0               | 0              | 0                   |                   |                  |             |
| 2009-03-28     | AN             | AN              | AN             | AN                  |                   |                  |             |
| 2009-03-29     | AN             | AN              | AN             | AN                  |                   |                  |             |
| 2009-03-30     | 9000           | 0               | 0              | 0                   | 15                |                  |             |
| 2009-03-31     | 2000           | 0               | 0              | 0                   |                   |                  |             |
| Minimum        | 1000.0         | 0.0             | 0.0            | 0.0                 | 7.0               | 12.0             | 7.8         |
| Maximum        | 9000.0         | 0.0             | 0.0            | 0.0                 | 15.0              | 12.0             | 7.8         |
| Average        | 4954.54545     | 0               | 0              | 0                   | 10.4              | 12               |             |
| Count          | 22             | 22              | 22             | 22                  | 5                 | 2                | 2           |

|   |  |  |                      |
|---|--|--|----------------------|
| Name of Responsible Official or Authorized Representative | I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. | Signature of Responsible Official or Authorized Representative | Submission Date/Time |
|   |  |  | 2009-04-19           |

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## Ohio EPA - Daily Discharge Monitoring Report - Form 4500

**SUBMISSION ID:** 48237  
**FACILITY:** American Energy Corp Century Mine  
**LOCATION:** 43521 Mayhugh Hill Rd Twp Hwy 88  
 Beallsville, OH 43716  
**COUNTY:** Belmont  
**DISTRICT:** SEDO

**STATUS:** Original  
**PERMIT NUMBER:** 01L00091\*GD  
**STATION CODE:** 017  
**MONITORING PERIOD:** 2009-03-01 To: 2009-03-31  
**REPORTING LAB:** Tra-Det Inc.  
**ANALYST:** William Thompson  
**NO DISCHARGE INDICATOR:**

| PARAMETER   | Total Suspended Solids   | Nitrogen, Ammonia (NH3) | CBOD 5 day  |  |  |  |                      |
|---|--|-------------------------|-------------|--|--|--|----------------------|
| PARAMETER CODE  | 00530  | 00610                   | 80082       |  |  |  |                      |
| UNITS   | 4106   | 4106                    | 4106        |  |  |  |                      |
| FREQUENCY   | 1 / 2 Weeks  | 1 / 2 Weeks             | 1 / 2 Weeks |  |  |  |                      |
| SAMPLING TYPE   | Grab   | Grab                    | Grab        |  |  |  |                      |
| 2009-03-01  |  |                         |             |  |  |  |                      |
| 2009-03-02  |  |                         |             |  |  |  |                      |
| 2009-03-03  |  |                         |             |  |  |  |                      |
| 2009-03-04  | AA 4.0   | 0.36                    | AA 5.0      |  |  |  |                      |
| 2009-03-05  |  |                         |             |  |  |  |                      |
| 2009-03-06  |  |                         |             |  |  |  |                      |
| 2009-03-07  |  |                         |             |  |  |  |                      |
| 2009-03-08  |  |                         |             |  |  |  |                      |
| 2009-03-09  |  |                         |             |  |  |  |                      |
| 2009-03-10  |  |                         |             |  |  |  |                      |
| 2009-03-11  |  |                         |             |  |  |  |                      |
| 2009-03-12  |  |                         |             |  |  |  |                      |
| 2009-03-13  |  |                         |             |  |  |  |                      |
| 2009-03-14  |  |                         |             |  |  |  |                      |
| 2009-03-15  |  |                         |             |  |  |  |                      |
| 2009-03-16  |  |                         |             |  |  |  |                      |
| 2009-03-17  |  |                         |             |  |  |  |                      |
| 2009-03-18  | AA 10  | AA 0.35                 | AA 5.0      |  |  |  |                      |
| 2009-03-19  |  |                         |             |  |  |  |                      |
| 2009-03-20  |  |                         |             |  |  |  |                      |
| 2009-03-21  |  |                         |             |  |  |  |                      |
| 2009-03-22  |  |                         |             |  |  |  |                      |
| 2009-03-23  |  |                         |             |  |  |  |                      |
| 2009-03-24  |  |                         |             |  |  |  |                      |
| 2009-03-25  |  |                         |             |  |  |  |                      |
| 2009-03-26  |  |                         |             |  |  |  |                      |
| 2009-03-27  |  |                         |             |  |  |  |                      |
| 2009-03-28  |  |                         |             |  |  |  |                      |
| 2009-03-29  |  |                         |             |  |  |  |                      |
| 2009-03-30  |  |                         |             |  |  |  |                      |
| 2009-03-31  |  |                         |             |  |  |  |                      |
| Minimum   | 0.0  | 0.0                     | 0.0         |  |  |  |                      |
| Maximum   | 0.0  | 0.36                    | 0.0         |  |  |  |                      |
| Average   | 0  | 0.18                    | 0           |  |  |  |                      |
| Count   | 2  | 2                       | 2           |  |  |  |                      |
| Name of Responsible Official or Authorized Representative | I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. |                         |             | Signature of Responsible Official or Authorized Representative |  |  | Submission Date/Time |
| Dennis Dubiel   |  |                         |             |  |  |  | 2009-04-19           |



## Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 48237  
 FACILITY: American Energy Corp Century Mine  
 LOCATION: 43521 Mayhugh Hill Rd Twp Hwy 88  
 Beallsville, OH 43716  
 COUNTY: Belmont  
 DISTRICT: SEDO

STATUS: Original  
 PERMIT NUMBER: 01L00091\*GD  
 STATION CODE: 588  
 MONITORING PERIOD: 2009-03-01 To: 2009-03-31  
 REPORTING LAB:  
 ANALYST:  
 NO DISCHARGE INDICATOR: AL

| PARAMETER   | Sludge Solids,<br>Percent Total  | Sludge Volume,<br>Gallons |  |  |  |  |                      |
|---|--|---------------------------|--|--|--|--|----------------------|
| PARAMETER CODE  | 70318  | 80991                     |  |  |  |  |                      |
| UNITS   | 4112   | 24258389                  |  |  |  |  |                      |
| FREQUENCY   | 1/Month  | 1/Month                   |  |  |  |  |                      |
| SAMPLING TYPE   | Grab   | Total                     |  |  |  |  |                      |
| 2009-03-01  |  |                           |  |  |  |  |                      |
| 2009-03-02  |  |                           |  |  |  |  |                      |
| 2009-03-03  |  |                           |  |  |  |  |                      |
| 2009-03-04  |  |                           |  |  |  |  |                      |
| 2009-03-05  |  |                           |  |  |  |  |                      |
| 2009-03-06  |  |                           |  |  |  |  |                      |
| 2009-03-07  |  |                           |  |  |  |  |                      |
| 2009-03-08  |  |                           |  |  |  |  |                      |
| 2009-03-09  |  |                           |  |  |  |  |                      |
| 2009-03-10  |  |                           |  |  |  |  |                      |
| 2009-03-11  |  |                           |  |  |  |  |                      |
| 2009-03-12  |  |                           |  |  |  |  |                      |
| 2009-03-13  |  |                           |  |  |  |  |                      |
| 2009-03-14  |  |                           |  |  |  |  |                      |
| 2009-03-15  |  |                           |  |  |  |  |                      |
| 2009-03-16  |  |                           |  |  |  |  |                      |
| 2009-03-17  |  |                           |  |  |  |  |                      |
| 2009-03-18  |  |                           |  |  |  |  |                      |
| 2009-03-19  |  |                           |  |  |  |  |                      |
| 2009-03-20  |  |                           |  |  |  |  |                      |
| 2009-03-21  |  |                           |  |  |  |  |                      |
| 2009-03-22  |  |                           |  |  |  |  |                      |
| 2009-03-23  |  |                           |  |  |  |  |                      |
| 2009-03-24  |  |                           |  |  |  |  |                      |
| 2009-03-25  |  |                           |  |  |  |  |                      |
| 2009-03-26  |  |                           |  |  |  |  |                      |
| 2009-03-27  |  |                           |  |  |  |  |                      |
| 2009-03-28  |  |                           |  |  |  |  |                      |
| 2009-03-29  |  |                           |  |  |  |  |                      |
| 2009-03-30  |  |                           |  |  |  |  |                      |
| 2009-03-31  |  |                           |  |  |  |  |                      |
| Minimum   |  |                           |  |  |  |  |                      |
| Maximum   |  |                           |  |  |  |  |                      |
| Average   |  |                           |  |  |  |  |                      |
| Count   |  |                           |  |  |  |  |                      |
| Name of Responsible Official or Authorized Representative | I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. |                           |  |  | Signature of Responsible Official or Authorized Representative |  | Submission Date/Time |
| Dennis Dubiel   |  |                           |  |  |  |  | 2009-04-19           |

## Ohio EPA - Daily Discharge Monitoring Report - Form 4500

SUBMISSION ID: 48237  
 FACILITY: American Energy Corp Century Mine  
 LOCATION: 43521 Mayhugh Hill Rd Twp Hwy 88  
 Beallsville, OH 43716  
 COUNTY: Belmont  
 DISTRICT: SEDO

STATUS: Original  
 PERMIT NUMBER: 01L00091\*GD  
 STATION CODE: 601  
 MONITORING PERIOD: 2009-03-01 To: 2009-03-31  
 REPORTING LAB:  
 ANALYST:  
 NO DISCHARGE INDICATOR: AL

| PARAMETER   | Color, Severity  | Odor, Severity | Turbidity, Severity | Flow Rate | Dissolved Oxygen   | pH          | Total Suspended Solids |
|---|--|----------------|---------------------|-----------|--|-------------|------------------------|
| PARAMETER CODE  | 00083  | 01330          | 01350               | 50050     | 00300  | 00400       | 00530                  |
| UNITS   | 4105   | 4105           | 4105                | 4108      | 4106   | 6653        | 4106                   |
| FREQUENCY   | 1/Day  | 1/Day          | 1/Day               | 1/Day     | 1 / 2 Weeks  | 1 / 2 Weeks | 1 / 2 Weeks            |
| SAMPLING TYPE   | Estimate   | Estimate       | Estimate            | Estimate  | Grab   | Grab        | Grab                   |
| 2009-03-01  |  |                |                     |           |  |             |                        |
| 2009-03-02  |  |                |                     |           |  |             |                        |
| 2009-03-03  |  |                |                     |           |  |             |                        |
| 2009-03-04  |  |                |                     |           |  |             |                        |
| 2009-03-05  |  |                |                     |           |  |             |                        |
| 2009-03-06  |  |                |                     |           |  |             |                        |
| 2009-03-07  |  |                |                     |           |  |             |                        |
| 2009-03-08  |  |                |                     |           |  |             |                        |
| 2009-03-09  |  |                |                     |           |  |             |                        |
| 2009-03-10  |  |                |                     |           |  |             |                        |
| 2009-03-11  |  |                |                     |           |  |             |                        |
| 2009-03-12  |  |                |                     |           |  |             |                        |
| 2009-03-13  |  |                |                     |           |  |             |                        |
| 2009-03-14  |  |                |                     |           |  |             |                        |
| 2009-03-15  |  |                |                     |           |  |             |                        |
| 2009-03-16  |  |                |                     |           |  |             |                        |
| 2009-03-17  |  |                |                     |           |  |             |                        |
| 2009-03-18  |  |                |                     |           |  |             |                        |
| 2009-03-19  |  |                |                     |           |  |             |                        |
| 2009-03-20  |  |                |                     |           |  |             |                        |
| 2009-03-21  |  |                |                     |           |  |             |                        |
| 2009-03-22  |  |                |                     |           |  |             |                        |
| 2009-03-23  |  |                |                     |           |  |             |                        |
| 2009-03-24  |  |                |                     |           |  |             |                        |
| 2009-03-25  |  |                |                     |           |  |             |                        |
| 2009-03-26  |  |                |                     |           |  |             |                        |
| 2009-03-27  |  |                |                     |           |  |             |                        |
| 2009-03-28  |  |                |                     |           |  |             |                        |
| 2009-03-29  |  |                |                     |           |  |             |                        |
| 2009-03-30  |  |                |                     |           |  |             |                        |
| 2009-03-31  |  |                |                     |           |  |             |                        |
| Minimum   |  |                |                     |           |  |             |                        |
| Maximum   |  |                |                     |           |  |             |                        |
| Average   |  |                |                     |           |  |             |                        |
| Count   |  |                |                     |           |  |             |                        |
| Name of Responsible Official or Authorized Representative | I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. |                |                     |           | Signature of Responsible Official or Authorized Representative |             | Submission Date/Time   |
| Dennis Dubiel   |  |                |                     |           |  |             | 2009-04-19             |

## Ohio EPA - Daily Discharge Monitoring Report - Form 4500

**SUBMISSION ID:** 48237  
**FACILITY:** American Energy Corp Century Mine  
**LOCATION:** 43521 Mayhugh Hill Rd Twp Hwy 88  
 Beallsville, OH 43716  
**COUNTY:** Belmont  
**DISTRICT:** SEDO

**STATUS:** Original  
**PERMIT NUMBER:** 01L00091\*GD  
**STATION CODE:** 601  
**MONITORING PERIOD:** 2009-03-01 To: 2009-03-31  
**REPORTING LAB:**  
**ANALYST:**  
**NO DISCHARGE INDICATOR:** AL

| PARAMETER  | Nitrogen, Ammonia (NH3)  | CBOD 5 day  |  |  |   |  |                             |  |
|--|--|-------------|--|--|---|--|-----------------------------|--|
| PARAMETER CODE   | 00610  | 80082       |  |  |   |  |                             |  |
| UNITS  | 4106   | 4106        |  |  |   |  |                             |  |
| FREQUENCY  | 1 / 2 Weeks  | 1 / 2 Weeks |  |  |   |  |                             |  |
| SAMPLING TYPE  | Grab   | Grab        |  |  |   |  |                             |  |
| 2009-03-01   |  |             |  |  |   |  |                             |  |
| 2009-03-02   |  |             |  |  |   |  |                             |  |
| 2009-03-03   |  |             |  |  |   |  |                             |  |
| 2009-03-04   |  |             |  |  |   |  |                             |  |
| 2009-03-05   |  |             |  |  |   |  |                             |  |
| 2009-03-06   |  |             |  |  |   |  |                             |  |
| 2009-03-07   |  |             |  |  |   |  |                             |  |
| 2009-03-08   |  |             |  |  |   |  |                             |  |
| 2009-03-09   |  |             |  |  |   |  |                             |  |
| 2009-03-10   |  |             |  |  |   |  |                             |  |
| 2009-03-11   |  |             |  |  |   |  |                             |  |
| 2009-03-12   |  |             |  |  |   |  |                             |  |
| 2009-03-13   |  |             |  |  |   |  |                             |  |
| 2009-03-14   |  |             |  |  |   |  |                             |  |
| 2009-03-15   |  |             |  |  |   |  |                             |  |
| 2009-03-16   |  |             |  |  |   |  |                             |  |
| 2009-03-17   |  |             |  |  |   |  |                             |  |
| 2009-03-18   |  |             |  |  |   |  |                             |  |
| 2009-03-19   |  |             |  |  |   |  |                             |  |
| 2009-03-20   |  |             |  |  |   |  |                             |  |
| 2009-03-21   |  |             |  |  |   |  |                             |  |
| 2009-03-22   |  |             |  |  |   |  |                             |  |
| 2009-03-23   |  |             |  |  |   |  |                             |  |
| 2009-03-24   |  |             |  |  |   |  |                             |  |
| 2009-03-25   |  |             |  |  |   |  |                             |  |
| 2009-03-26   |  |             |  |  |   |  |                             |  |
| 2009-03-27   |  |             |  |  |   |  |                             |  |
| 2009-03-28   |  |             |  |  |   |  |                             |  |
| 2009-03-29   |  |             |  |  |   |  |                             |  |
| 2009-03-30   |  |             |  |  |   |  |                             |  |
| 2009-03-31   |  |             |  |  |   |  |                             |  |
| Minimum  |  |             |  |  |   |  |                             |  |
| Maximum  |  |             |  |  |   |  |                             |  |
| Average  |  |             |  |  |   |  |                             |  |
| Count  |  |             |  |  |   |  |                             |  |
| <b>Name of Responsible Official or Authorized Representative</b> | I certify under the penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. |             |  |  | <b>Signature of Responsible Official or Authorized Representative</b> |  | <b>Submission Date/Time</b> |  |
| Dennis Dubiel  |  |             |  |  |   |  | 2009-04-19                  |  |

## Ohio EPA - Daily Discharge Monitoring Report - Form 4500

**FACILITY:** American Energy Corp Century Mine      **PERMIT NUMBER:** *01L00091\*GD*  
**LOCATION:** 43521 Mayhugh Hill Rd Twp Hwy 88      **MONITORING PERIOD:** 2009-03-01 To: 2009-03-31  
Beallsville, OH 43716

**PARAMETER COMMENTS:**

| Station Code | Parameter Name | Parameter Code | Date | Unit | Comment |
|--------------|----------------|----------------|------|------|---------|
|--------------|----------------|----------------|------|------|---------|